What is Claimed is:

1. A coated substrate comprising

a substrate;

a bond coat on said substrate comprised of a high temperature MCrAlY coating of a thickness of from 0.003 inches to 0.015 inches; and

an abradable top coat on said bond coat comprised of high temperature yttria stabilized zirconia of a thickness of from 0.015 inches to 0.080 inches.

2. A coated substrate as set forth in claim 1 wherein said top coat includes a polyester in an amount of 3% to 9 % by weight.

3. A coated substrate as set forth in claim 1 wherein said top coat includes a polyester in an amount of 4% to 6 % by weight.

4. A coated substrate as set forth in claim 1 wherein said top coat has a thickness of from 0.025 inches to 0.060 inches.

5. A coated substrate as set forth in claim 1 wherein said bond coat is comprised of NiCoCrAlY.

6. A coated substrate as set forth in claim 1 wherein said bond coat contains a reactive element selected from the group consisting of hafnium and silicon.

7. A coated substrate wherein said substrate is an inner shroud cover plate.

8. A high temperature clearance coating comprising

a bond coat comprised of a high temperature MCrAlY coating of a thickness of from 0.003 inches to 0.015 inches; and

an abradable top coat on said bond coat comprised of high temperature yttria stabilized zirconia of a thickness of from 0.015 inches to 0.080 inches.

9. A coating as set forth in claim 8 wherein said top coat includes a polyester in an amount of 3% to 9 % by weight.

10. A coating as set forth in claim 8 wherein said top coat includes a polyester in an amount of 4% to 6 % by weight.

11. A coating as set forth in claim 8 wherein said top coat has a thickness of from 0.025 inches to 0.060 inches.

12. A coating as set forth in claim 8 wherein said bond coat is comprised of NiCoCrAlY.

13. A coating as set forth in claim 8 wherein said bond coat contains a reactive element selected from the group consisting of hafnium and silicon.

14. A process of applying a thermal coating on a substrate comprising the steps of

spraying a high temperature MCrAlY powder onto the substrate to form a bond coat of a thickness of from 0.003 inches to 0.015 inches; and

spraying a high temperature yttria stabilized zirconia onto said bond coat to form an abradable top layer of a thickness of from 0.012 inches to 0.080 inches.

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